



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Ethan Williford

**Serial No.:** 10/690,399

**Filed:** October 20, 2003

**For:** THRESHOLD VOLTAGE  
ADJUSTMENT FOR LONG-CHANNEL  
TRANSISTORS (as amended)

**Confirmation No.:** 2370

**Examiner:** W. Louie

**Group Art Unit:** 2814

**Attorney Docket No.:** 2269-5864US  
(02-1549.00/US)

**Notice of Allowance Mailed:**

June 15, 2006

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label Number: EV669813473US

Date of Deposit with USPS: August 23, 2006

Person making Deposit: Brett Hooke

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant submits herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1715.00 in payment therefor plus five (5) copies of the patent when issued.

**Serial No.: 10/690,399**

Also, enclosed is an Amendment Pursuant to 37 C.F.R. § 1.312(a) (15 pages); Comments on Statement of Reasons for Allowance (3 pages); and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages).

Applicant understands that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



Kevin K. Johanson  
Registration No. 38,506  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: August 23, 2006  
KKJ/ps:lmh

Enclosures: Part B - Issue Fee Transmittal  
Check No. 23102 in the amount of \$1715.00  
Copy of Transmittal Letter  
Amendment Pursuant to 37 C.F.R. § 1.312(a) (15 pages)  
Comments on Statement of Reasons for Allowance (3 pages)  
Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

Document in ProLaw

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**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

Mail Stop ISSUE FEE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is filed in response to the Notice of Allowance mailed June 15, 2006 and sets forth Applicant's comments, pursuant to 37 C.F.R. §1.104(e), on the Examiner's Statement of Allowable Subject Matter accompanying the Notice of Allowance.

In the Notice of Allowance, the Examiner indicates:

The prior art of record does not disclose or suggest either in singularly or in combination the following limitations and other elements in the claims.

Reference Lilja et al. (US 5,286,981) do not disclose:

- A gate having at least one implant aperture formed there (Lilja et al. disclose a split gate).
- Lightly doped extensions (LDDs) under the gate, where the LDDs and the channel internal implanted region being substantially equivalently doped.

Reference Choi et al. (US 6,936,517) do not disclose:

- A gate having at least one implant aperture formed there (Choi et al. disclose an aperture in the intermediate product, but the aperture is plugged with a gate electrode 50).
- Lightly doped extensions (LDDs) under the gate, where the LDDs and the channel internal implanted region being substantially equivalently doped.

Therefore, the above references do not disclose the claimed invention of present application and claims 1-9 are allowed.

Applicant concurs with the reasons as stated by the Examiner insofar as they comprise a summary, which is exemplary and not limiting. However, the scope of the claims is based on the actual language of the claims and equivalents thereof, and not on a paraphrase or summary of the claim language.

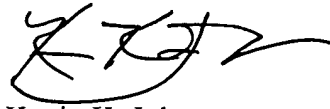
The Independent claims as allowed recite features in addition to, and in different language than, those described in the Statement of Allowable Subject Matter. Furthermore, the dependent claims recite elements in addition to those of the independent claim, which are also not reflected in the Statement of Allowable Subject Matter. Such additional elements, in combination with those of the independent claim from which each claim depends, provide additional reasons for patentability. Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as all equivalents thereof.

Therefore, to the extent that the Examiner's reasons for allowance as stated are not relevant to, or wholly encompassing of, a particular claim, independent or dependent, Applicant assume that (pursuant to 37 C.F.R. §1.104(e)) the Examiner has determined that the record of the prosecution as a whole of the application makes clear the reasons for allowing those claims.

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Further, it appears, pursuant to M.P.E.P. 1302.14, that the Examiner's Statements of Allowable Subject Matter are not intended to encompass all of the reasons for allowance.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'K. Johanson', with a stylized flourish at the end.

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Date: August 23, 2006

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